



Attorney Docket No.: HS-107

DECLARATION AND POWER OF ATTORNEY

We, (a) Stanford R. Ovshinsky, (b) Rosa Young, (c) Yang Li, (d) Vitaliy Myasnikov, and (e) Valeriy Sobolev

declare that we are citizens of the (a) United States of America, (b) United States of America, (c) United States of America, (d) Russian Federation, (e) United States of America residing respectively at

- (a) 2700 Squirrel Road, Bloomfield Hills, Michigan 48304 USA
- (b) 4136 Golf Ridge Dr. E., Bloomfield Hills, Michigan 48302 USA.
- (c) 1789 Carr, Troy, Michigan 48098 USA
- (d) 1475 Webster Street, Birmingham, Michigan 48009 USA
- (e) 29821 Rambling Road, Southfield, Michigan 48076 USA

that we verily believe that we are the original, first and joint inventors of the invention entitled:

**HYDROGEN STORAGE BED SYSTEM INCLUDING AN INTEGRATED
THERMAL MANAGEMENT SYSTEM**

[X] were filed on December 20, 2000 as application Serial No. 09/742,827, and was amended on _____ (if applicable) that we have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to above; that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 (a); and that no application for patent or inventor's certificate of this invention has been filed in any country foreign to the United States of America prior to this application by us or our legal representative or assigns, except as follows: NONE.

We hereby appoint the following attorneys or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Marvin S. Siskind	Reg. No. 28,153
Evan K. Butts	Reg. No. 34,300
David W. Schumaker	Reg. No. 35,017
Philip H. Schlazer	Reg. No. 42,127
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1675 W. Maple Road
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Each undersigned declarant declares that all statements made herein of declarant's own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section



1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 3/19/01

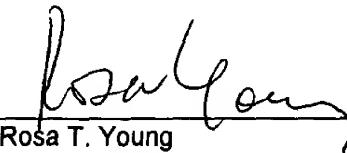
Inventor (a):


Stanford R. Ovshinsky

Post Office Address: Same as above.

Date: 3/19/01

Inventor (b):


Rosa T. Young

Post Office Address: Same as above.

Date: 3/19/01

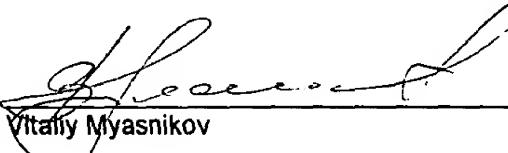
Inventor (c):


Yang Li

Post Office Address: Same as above.

Date: 3/19/01

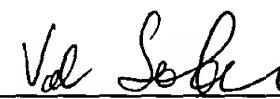
Inventor (b):


Vitaliy Myasnikov

Post Office Address: Same as above.

Date: 3/19/01

Inventor (a):


Valeriy Sobolev

Post Office Address: Same as above.

Our Reference: HS-107

ASSIGNMENT

U.S. Patent Application Entitled:

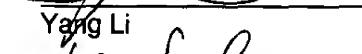
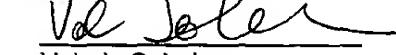
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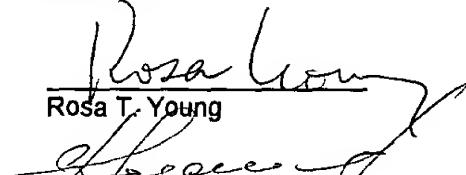
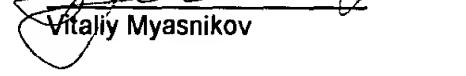
Named Inventors:

Stanford R. Ovshinsky, Rosa T. Young, Yang Li, Vitaliy Myasnikov, Valeriy Sobolev

For One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby sell, assign, transfer and convey unto ENERGY CONVERSION DEVICES, INC., a Delaware corporation having its principal address at 1675 W. Maple, Troy, Michigan 48084 (the ASSIGNEE), all their entire right, title and interest in and to the inventions set forth and described in the application for United States Letters Patent identified above and executed on even date herewith, and in and to all Letters Patent of the United States and foreign countries that may be obtained therefor, including any divisionals, continuations of any form, reissues, and extensions therefor, and any priority rights therein; and the Commissioner of Patents and Trademarks is hereby authorized and requested that any and all Letters Patent that may be granted to issue the same with respect to the rights granted and assigned herein to the ASSIGNEE or its successors and assigns. We agree hereby, without additional compensation except for the statutory fee applicable to witnesses testifying as to facts, but without cost to us, to execute any corresponding required instruments of assignment, to promptly communicate to the ASSIGNEE or its representatives any facts known to the inventors respecting said invention whenever requested, to testify in any legal proceedings, to sign all lawful papers, to execute any and all divisional, continuing, reissue, and foreign application papers and powers, to make all rightful oaths and generally to do everything possible to aid the said ASSIGNEE, its successors and assigns, as and when requested by the ASSIGNEE, or its representatives, in obtaining and enforcing proper patent and utility model protection for the said inventions and improvements, in the United States and in all other countries of the world.

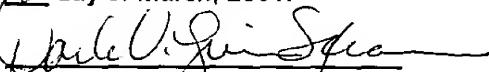
Signed and sealed this 19th day of March 2001.


Stanford R. Ovshinsky

Yang Li

Valeriy Sobolev


Rosa T. Young

Vitaliy Myasnikov

State of Michigan, County of Oakland) SS
United States of America)

Sworn to and subscribed for the uses and purposes therein set forth this
19th day of March, 2001.


Daria V. Guerin-Sexauer
Notary Public, Macomb County, MI
Acting in Oakland County, MI
My Commission Expires: July 12, 2001